

Risk Management Guidelines for New and Modified Sources

**ARB Environmental Justice
Stakeholders Meeting**

March 24, 2003



**California Environmental Protection Agency
Air Resources Board**

Toxics New Source Review

- ? Health and Safety Code 39666 (e) requires local air district new source review (NSR) rules and regulations to control emissions of toxic air contaminants (TACs)
- ? Several districts have formal toxics NSR rules, most others have policies
- ? ARB has no direct authority for permitting new stationary sources of TACs

Risk Management Guidelines Background

- ? Approved in 1993
- ? Guidance - not regulatory
- ? Provides information on basic risk assessment and risk management
- ? Assists districts in making permitting decisions for new and modified sources of TACs
- ? Districts may be more or less stringent than suggested guidance

What the Guidelines do

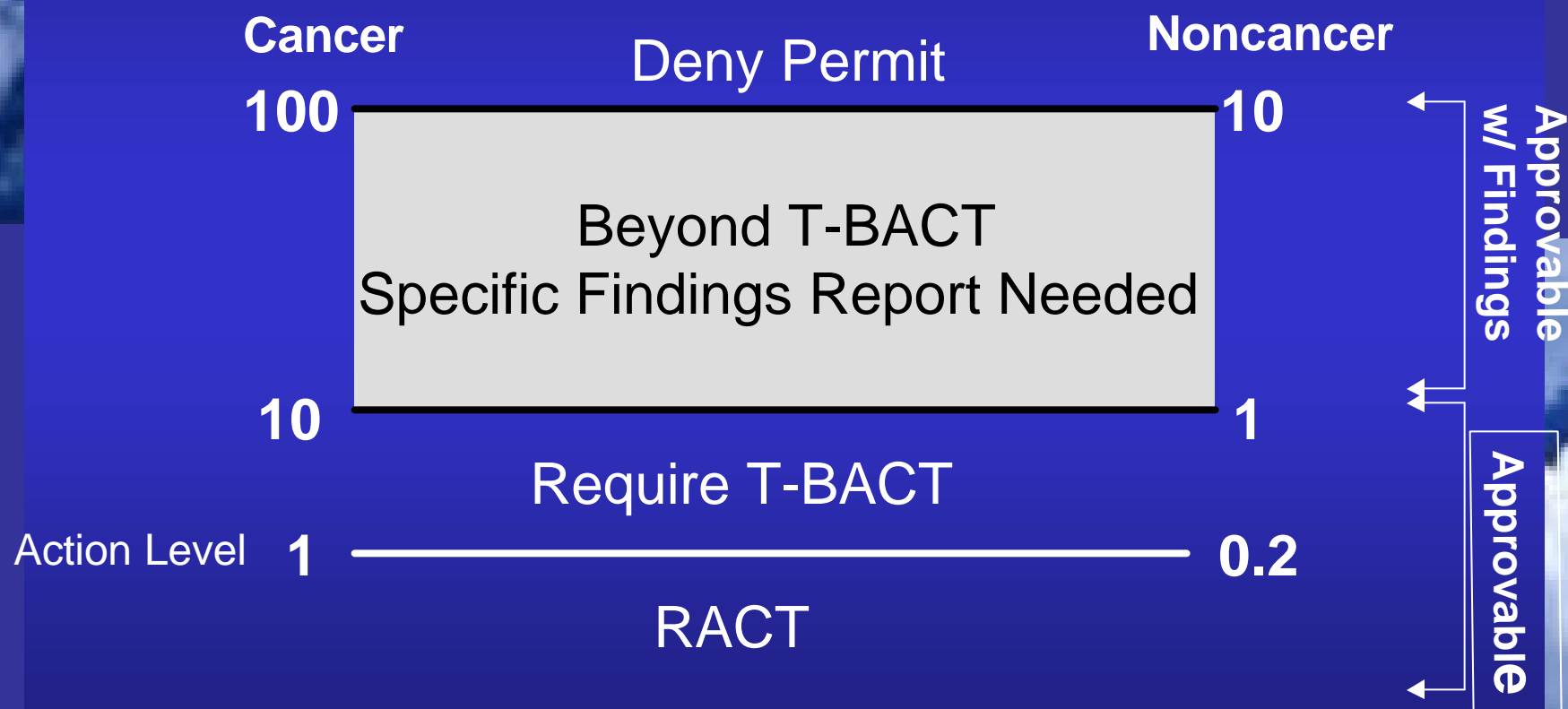
- ? Specific risk levels trigger technology requirements
- ? Specifies action range for permit approval
- ? Action range is suggested to provide flexibility for considerations of other factors in making permit decisions
- ? Provides for both cancer and noncancer impacts

Key Terms

- ? Permit Unit
- ? Project
- ? Source
- ? Risk Levels
- ? T-BACT
- ? Specific Findings Report

New and Modified Sources

Entire Source Risk Evaluation Required*



*Modified sources: If increased risk from all permit units > 1 in a million, entire source evaluation is required